

SESSION 28

PFAS groundwater remediation

THURSDAY 21 SEPTEMBER

14.30 – 16.30 CEST (Central European Summer Time)

White Room
1^o floor

Opening

14:30 Welcome from *Marco Falconi (ISPRA)* and introduction from the Chairs

Presentations

- 14:35** Effectiveness of microwave irradiation in regenerating PFAS-loaded GAC
Erica Gagliano (University of Genoa), Pietro P. Falciglia, Paolo Roccaro (University of Catania), Jeakub Zaker, Tanju Karanfil (Clemson University)
- 14:50** Technical and economic assessment of pilot testing PFAS removal from groundwater using GAC and SORBIX™ ion exchange resin at a swedish airport
Jeffrey Lewis, Jörgen Lindahl (ECT2 Sweden), Carol Jarpa de Emilson (Skövde municipality)
- 15.05** Destruction of spent media from PFAS remediation using Supercritical Water Oxidation
Tali Harif, Sudhakar.Viswanathan, Marc Deshusses (374Water)
- 15.20** In-situ elimination of PFAS in contaminated Soil and Groundwater by Washing with Protein Bio-polymers and Stabilization by GAC high pressure injection
Stephan Huettmann, Anja Wilken (Sensatec)
- 15.35** Surface Active Foam Fractionation (SAFF) in Combination with A Patented All Natural Amendment To Increase The PFAS Removal Efficiency of SAFF for complex leachate
Helena Hinrichsen, Hugo Carronnier, Wassism Almouallem, Robin Axelson (Envitech)
- 15.50** STAR and STARx: A Smouldering Solution to PFAS from Laboratory to Field Scale Application
Laura Kinsman, David Major, Gavin Grant, Jorge Gabayet (Savron), Brian Harrison, Joshua Brown, Jason Gerhard (University of Western Ontario), David Patch, Kela Weber (Royal Military College of Canada)
- 16.05** Development and Demonstrations of the PFAS Effluent Treatment System (PETS) and Planned Research and Development Efforts at the ERDC
Scott Waisner, José Mattei-Sosa, Edith Martinez (U.S. Army Engineer Research and Development Center)
- 16.20** Panel discussion moderated by chairs
- 16:30** End of the session

Register yourself in the Google form <https://forms.gle/AMiNt6u44a7WMuQH6>

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